Structured Ph.D. in Organic and Pharmaceutical Chemistry.

NFQ Level 10, Major Award

The structured Ph.D. in Organic and Pharmaceutical Chemistry, in the Department of Chemistry and ABCRF, is a full-time programme of four years duration from the date of first registration of the candidates; the programme applies automatically if mandated by a funding agency. For UCC policy on the structured Ph. D., see: http://www.ucc.ie/en/graduatestudies/structured/.

The possibility of a three year arrangement is not excluded for self-funded individuals, if judged to be appropriate by the research supervisor.

Students will take the six mandatory modules: PG6026, CM6101, CM7002, CM7003, CM7006 and CM7007). Additional modules taken either for credit or on a voluntary basis (agreement of the supervisor is required) cannot be offset against the time required for laboratory based research. Research supervisors may prescribe additional modules to cater for any deficiencies in the primary degree background of the student. Assignment of additional modules in these circumstances will be decided at a meeting involving the student and the research supervisor/supervisory team (as appropriate) early in the Ph. D. 1 year.

It is the responsibility of the student to register for the appropriate modules at the beginning of each Ph.D. year.

Entry to the structured Ph. D. in Organic and Pharmaceutical Chemistry will be based on the relevant university procedures and requirements in operation at the time of application for admission to the programme – see Ph.D. General Regulations (http://www.ucc.ie/calendar/postgraduate/Doctor/index.html).

Admission to the structured Ph.D. programme in Organic and Pharmaceutical Chemistry carries no obligation on the part of the University, the research supervisor, the Chemistry Department and ABCRF to provide financial support by way of a stipend to the student.

Award of the Ph.D. will be based on the established criteria and relevant examination procedures, in accordance with UCC guidelines.

Examinations

Full details of regulations governing examinations for doctoral programmes are contained in the *Marks and Standards 2015 Book*, and for each module in the Book of Modules, 2015/2016.

See also the University Calendar under the General Regulations for the Ph.D. degree.

Programme

YEAR 1

Students take 90 credits:

Core modules: CM6101 (5 credits) and PG6026‡ (5 credits).

Research: 80 credits.

‡While participation in this module will commence in year 1 of the Ph.D., credit will not be given until the requisite number of laboratory demonstrating hours and other requirements of the module have been completed (not later than year 3 of the Ph.D.).

YEAR 2

Students take 90 credits:

Core modules: CM7002 (5 credits) and CM7007 (5 credits).

Research: 80 credits.

YEAR 3

Students take 90 credits:

Core module: CM7003 (5 credits) plus **one** additional module (5 credits) from the relevant CM and PG modules available*: CM7004, CM7005 and PG7014 (http://www.ucc.ie/modules/). – module choice will be decided in conjunction with the research supervisor at the beginning of the Ph. D. 3 year.

Research: 80 or 85 credits

YEAR 4

Students take 90 credits:

Core module: CM7006 (5 credits).

Research: 85 credits.

***Optional Modules**

CM7004 Postgraduate Internship in Pharmaceutical Sector

CM7005 Theory and Application of Computational Chemistry

PG7014 Creativity and Innovation for Research Students

Modules CM7004, CM7005 and PG7014 can only be taken if available – they may not available every academic year.

Professor A.R. Maguire

20th January 2016